



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/700,911 A
Source: IFWO
Date Processed by STIC: 9-30-2004

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

DATE: 09/30/2004

PATENT APPLICATION: US/10/700,971A

TIME: 17:32:55

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

3 <110> APPLICANT: Manoharan, Muthiah
 4 Baker, Brenda
 5 Eldrup, Ann
 6 Bhat, Balkrishen
 7 Griffey, Richard H.
 8 Swayze, Eric E.
 9 Crooke, Stanley T.
 12 <120> TITLE OF INVENTION: Conjugated Oligomeric Compounds and Their Use in Gene
 13 Modulation
 15 <130> FILE REFERENCE: ISIC-0009-101
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/700,971A
 C--> 17 <141> CURRENT FILING DATE: 2003-11-04
 17 <150> PRIOR APPLICATION NUMBER: US 10/616,241
 18 <151> PRIOR FILING DATE: 2003-07-09
 20 <150> PRIOR APPLICATION NUMBER: US 60/423,760
 21 <151> PRIOR FILING DATE: 2002-11-05
 23 <150> PRIOR APPLICATION NUMBER: US 10/078,949
 24 <151> PRIOR FILING DATE: 2002-02-20
 26 <150> PRIOR APPLICATION NUMBER: US 09/479,783
 27 <151> PRIOR FILING DATE: 2000-01-07
 29 <150> PRIOR APPLICATION NUMBER: US 08/870,608
 30 <151> PRIOR FILING DATE: 1997-06-06
 32 <150> PRIOR APPLICATION NUMBER: US 08/659,440
 33 <151> PRIOR FILING DATE: 1996-06-06
 36 <160> NUMBER OF SEQ ID NOS: 26
 38 <170> SOFTWARE: PatentIn version 3.2
 40 <210> SEQ ID NO: 1
 41 <211> LENGTH: 16
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Peptide
 48 <400> SEQUENCE: 1
 50 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
 51 1 5 10 15
 55 <210> SEQ ID NO: 2
 56 <211> LENGTH: 13
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Peptide
 63 <400> SEQUENCE: 2
 65 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln

Does Not Comply
 Corrected Diskette Needed

(pg.1-5)

- PLS explain source of genetic material.

- Invalid Response

PLS explain source of genetic material.

- Invalid Response

RAW SEQUENCE LISTING

DATE: 09/30/2004

PATENT APPLICATION: US/10/700,971A

TIME: 17:32:55

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

66 1 5 10
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 27
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Peptide - same error
77 <400> SEQUENCE: 3
79 Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Ile Asn Leu
80 1 5 10 15
82 Lys Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
83 20 25
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 34
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Peptide - HSV VP22
94 <400> SEQUENCE: 4
96 Asp Ala Ala Thr Ala Thr Arg Gly Arg Ser Ala Ala Ser Arg Pro Thr
97 1 5 10 15
99 Glu Arg Pro Arg Ala Pro Ala Arg Ser Ala Ser Arg Pro Arg Arg Pro
100 20 25 30
102 Val Glu
105 <210> SEQ ID NO: 5
106 <211> LENGTH: 18
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Peptide - same error
113 <400> SEQUENCE: 5
115 Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys
116 1 5 10 15
118 Leu Ala
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 27
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Peptide - same error
129 <400> SEQUENCE: 6
131 Gly Ala Leu Phe Leu Gly Trp Leu Gly Ala Ala Gly Ser Thr Met Gly
132 1 5 10 15
134 Ala Trp Ser Gln Pro Lys Lys Lys Arg Lys Val
135 20 25
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 16
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 09/30/2004

PATENT APPLICATION: US/10/700,971A

TIME: 17:32:55

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

143 <220> FEATURE:
144 <223> OTHER INFORMATION: Peptide - SAME error
146 <400> SEQUENCE: 7
148 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Ala Pro
149 1 5 10 15
152 <210> SEQ ID NO: 8
153 <211> LENGTH: 7
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Peptide - SAME error
160 <400> SEQUENCE: 8
162 Pro Lys Lys Lys Arg Lys Val
163 1 5
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 4
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Peptide - SAME error
174 <400> SEQUENCE: 9
176 Met Leu Phe Tyr
177 1
180 <210> SEQ ID NO: 10
181 <211> LENGTH: 15
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Peptide - FXR2P - SAME error
188 <400> SEQUENCE: 10
190 Pro Gln Arg Arg Asn Arg Ser Arg Arg Arg Arg Phe Arg Gly Gln
191 1 5 10 15
194 <210> SEQ ID NO: 11
195 <211> LENGTH: 7
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Peptide - SAME error
202 <400> SEQUENCE: 11
204 Ile Met Arg Arg Arg Gly Leu
205 1 5
208 <210> SEQ ID NO: 12
209 <211> LENGTH: 11
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Peptide - SAME error
216 <400> SEQUENCE: 12
218 Leu Gln Leu Pro Pro Leu Glu Arg Leu Thr Leu

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/700,971A

DATE: 09/30/2004

TIME: 17:32:55

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

219 1 5 10
222 <210> SEQ ID NO: 13
223 <211> LENGTH: 11
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Peptide - same error
230 <400> SEQUENCE: 13
232 Glu Leu Ala Leu Lys Leu Ala Gly Leu Asp Ile
233 1 5 10
236 <210> SEQ ID NO: 14
237 <211> LENGTH: 11
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Peptide - same error
244 <400> SEQUENCE: 14
246 Asp Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu
247 1 5 10
250 <210> SEQ ID NO: 15
251 <211> LENGTH: 12
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Peptide - same error
258 <400> SEQUENCE: 15
260 Ala Leu Pro His Ala Ile Met Arg Leu Asp Leu Ala
261 1 5 10
264 <210> SEQ ID NO: 16
265 <211> LENGTH: 7
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Peptide - same error
272 <400> SEQUENCE: 16
274 Pro Lys Lys Lys Arg Lys Val
275 1 5
278 <210> SEQ ID NO: 17
279 <211> LENGTH: 13
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Peptide - same error
286 <400> SEQUENCE: 17
288 Ala Leu Trp Lys Thr Leu Leu Lys Lys Val Leu Lys Ala
289 1 5 10
292 <210> SEQ ID NO: 18
293 <211> LENGTH: 4
294 <212> TYPE: PRT

RAW SEQUENCE LISTING

DATE: 09/30/2004

PATENT APPLICATION: US/10/700,971A

TIME: 17:32:55

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

295 <213> ORGANISM: Artificial Sequence
 297 <220> FEATURE:
 298 <223> OTHER INFORMATION: Peptide *same error*
 300 <400> SEQUENCE: 18
 302 Lys Asp Glu Leu
 303 1
 305 <210> SEQ ID NO: 19
 306 <211> LENGTH: 21
 307 <212> TYPE: DNA
 308 <213> ORGANISM: Artificial Sequence
 310 <220> FEATURE:
 311 <223> OTHER INFORMATION: oligonucleotide
 313 <400> SEQUENCE: 19
 314 cgagagggcgg acgggaccgt t 21
 317 <210> SEQ ID NO: 20
 318 <211> LENGTH: 21
 319 <212> TYPE: DNA
 320 <213> ORGANISM: Artificial Sequence
 322 <220> FEATURE:
 323 <223> OTHER INFORMATION: oligonucleotide
 325 <400> SEQUENCE: 20
 326 ttgctctccg cctgccctgg c 21
 329 <210> SEQ ID NO: 21
 330 <211> LENGTH: 21
 331 <212> TYPE: DNA
 332 <213> ORGANISM: Artificial Sequence
 334 <220> FEATURE:
 335 <223> OTHER INFORMATION: oligonucleotide - cRaf targeter
 337 <400> SEQUENCE: 21
 338 augcauguca caggcgggat t 21
 341 <210> SEQ ID NO: 22
 342 <211> LENGTH: 21
 343 <212> TYPE: DNA
 344 <213> ORGANISM: Artificial Sequence
 346 <220> FEATURE:
 347 <223> OTHER INFORMATION: oligonucleotide - cRaf targeter
 349 <400> SEQUENCE: 22
 350 ucccgccugu gacaugcaut t 21
 353 <210> SEQ ID NO: 23
 354 <211> LENGTH: 18
 355 <212> TYPE: DNA
 356 <213> ORGANISM: Artificial Sequence
 358 <220> FEATURE:
 359 <223> OTHER INFORMATION: antisense oligonucleotide
 361 <400> SEQUENCE: 23
 362 tgggagccat agcgaggc 18
 365 <210> SEQ ID NO: 24
 366 <211> LENGTH: 20
 367 <212> TYPE: DNA

VERIFICATION SUMMARY

DATE: 09/30/2004

PATENT APPLICATION: US/10/700,971A

TIME: 17:32:56

Input Set : A:\ISIC0009-101.txt

Output Set: N:\CRF4\09302004\J700971A.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date